



PN02-0005-01-17alt



PN01-346-1-14

ATR-V-Jr™ Mobile Robot

Problem

The INEEL's Surplus Facility Deactivation Project needed to deploy a radiation detector in an access-controlled area.

Baseline Technology

Use of tethered tools to transport detection equipment.

Innovative Technology

The INEEL-modified ATR-V-Jr™ mobile robot is an un-tethered remote control vehicle.

Comparison

This robot allowed deployment of the Russian Gamma Locating and Isotopic Identification Devices without tethers.

Benefits

This robot simplified deployment of the Russian-made radiation detector package by eliminating tethers that require decontamination after use.



DECONTAMINATION, DECOMMISSIONING AND DISMANTLEMENT PROGRAM

Project: ID-OIM-110
Pre FY-2007 Surplus Facility Deactivation Project

OST # 3207